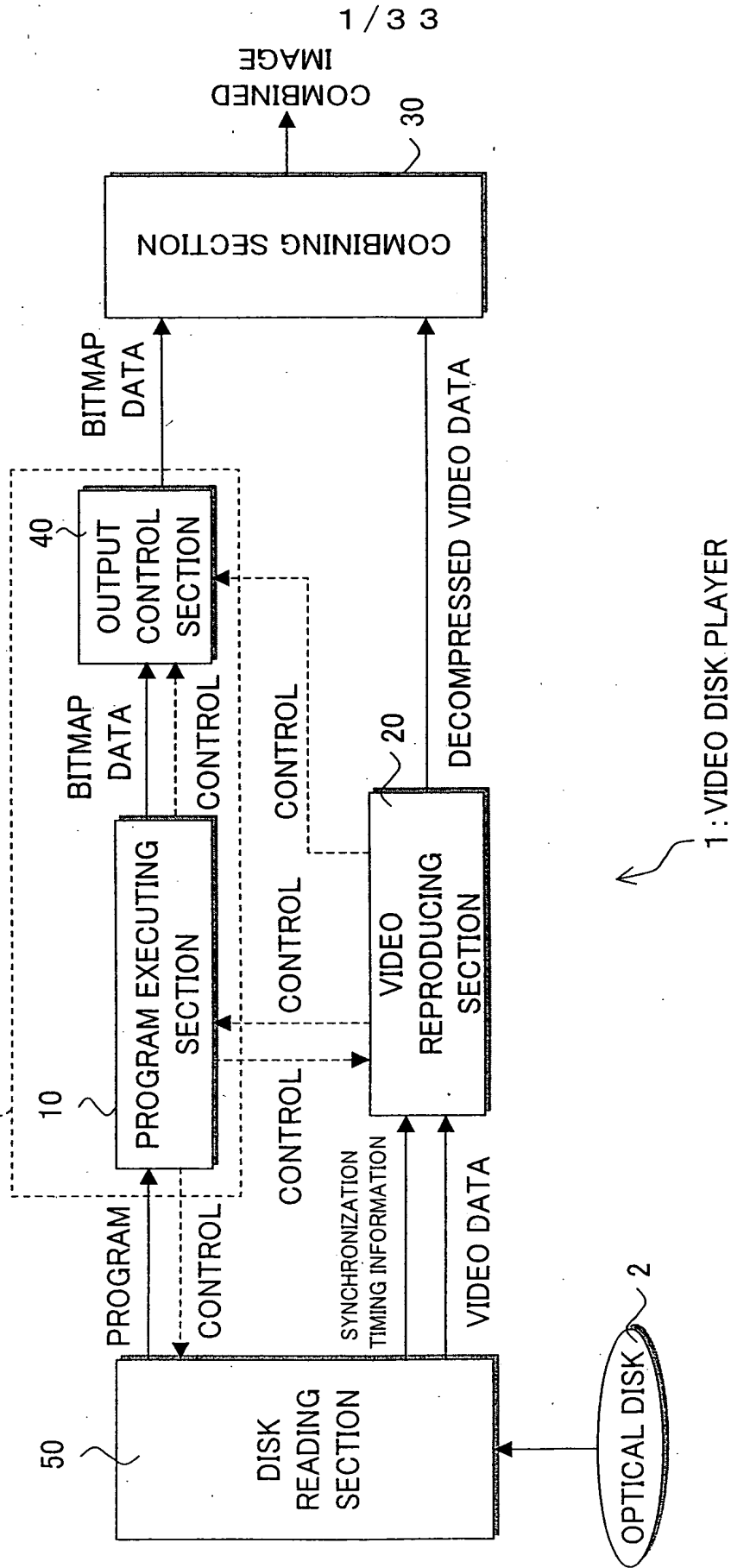


FIG. 1

60: SYNCHRONIZATION PROCESSING SECTION



1: VIDEO DISK PLAYER

OPTICAL DISK 2

3 3 1

FIG. 2

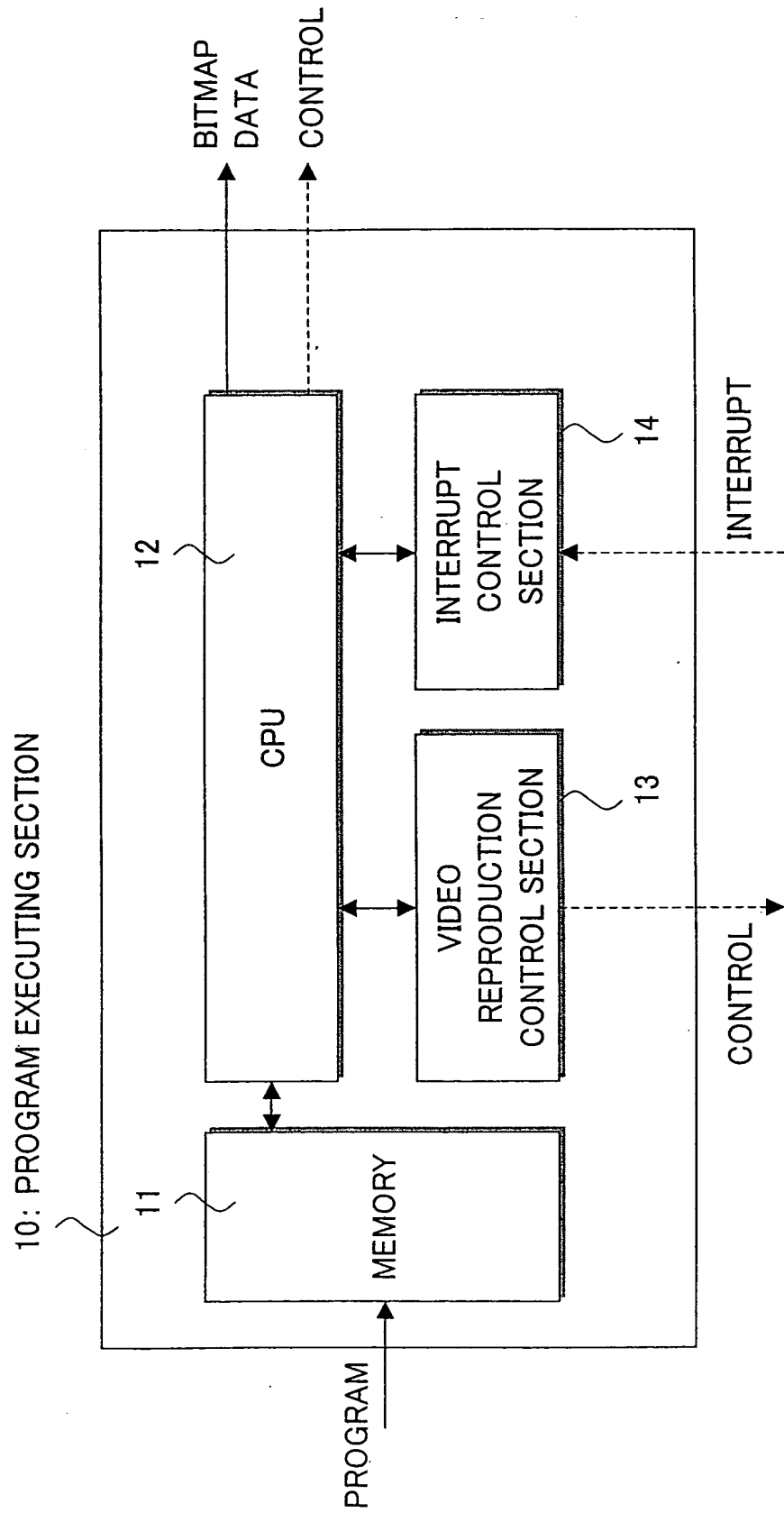
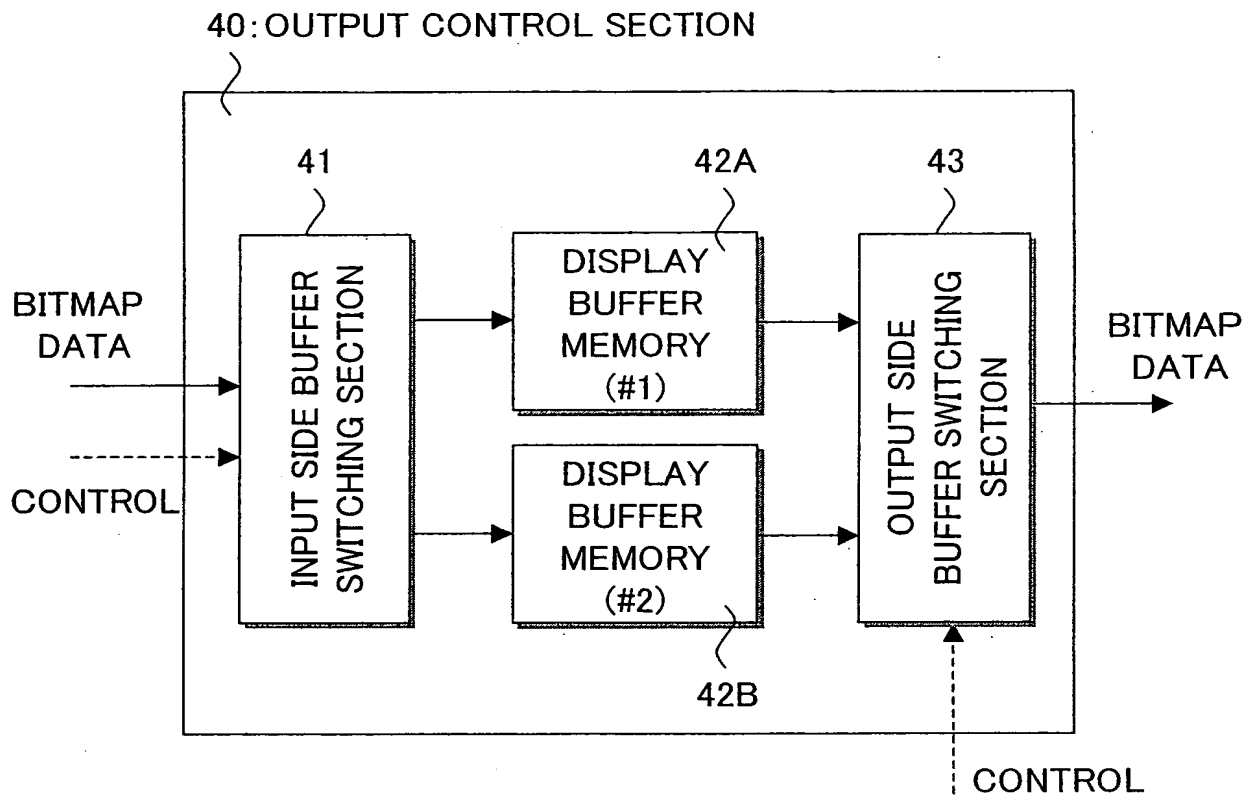


FIG. 3



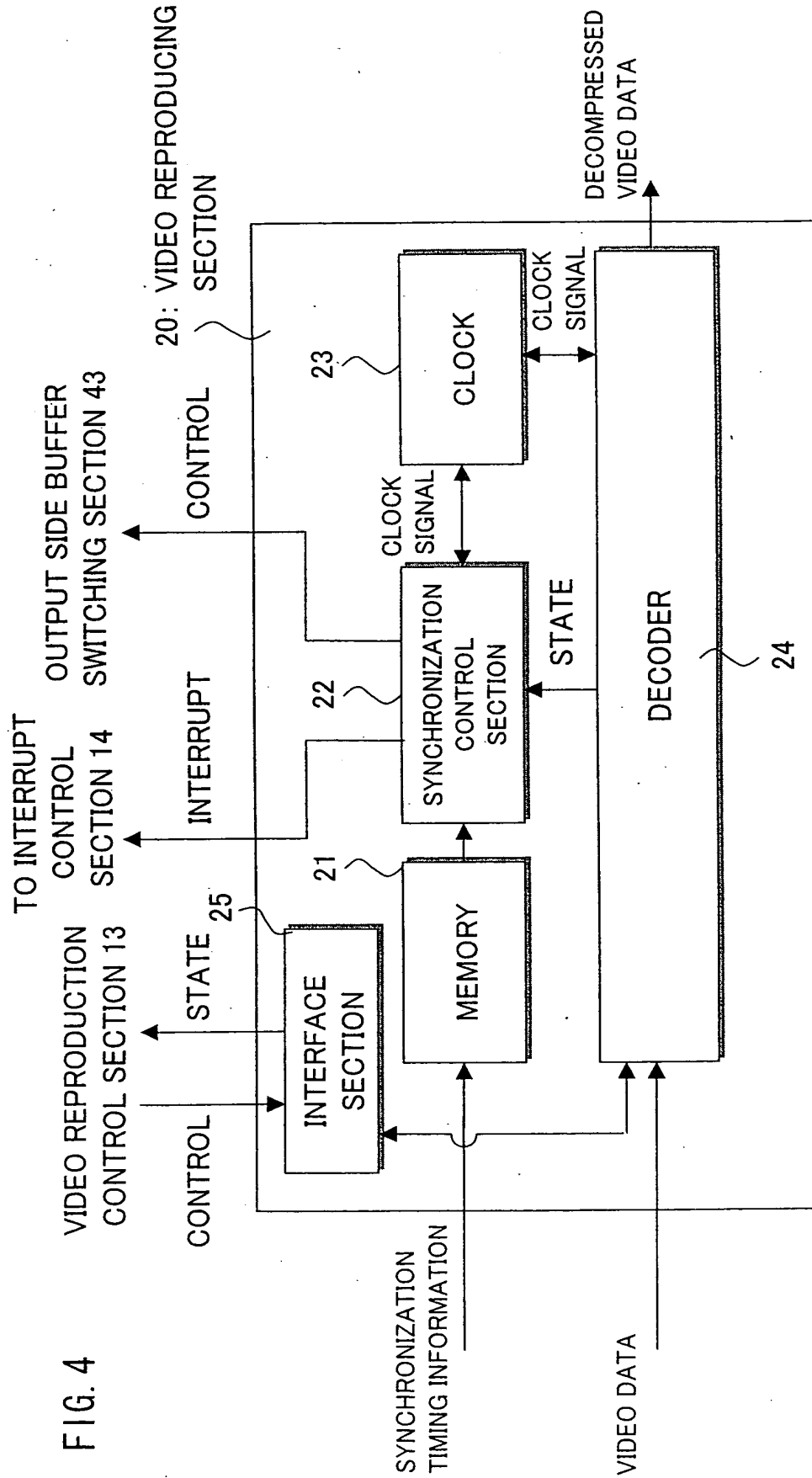


FIG. 4

FIG. 5(a)

```
SYNCHRONIZATION TIMING INFORMATION {  
    number_of_sync_info;  
    for (i=0; i < number_of_sync_info; i++){  
        sync_info();  
    }  
}
```

FIG. 5(b)

```
sync_info() {  
    timing;  
    target;  
    action_id;  
}
```

FIG. 6

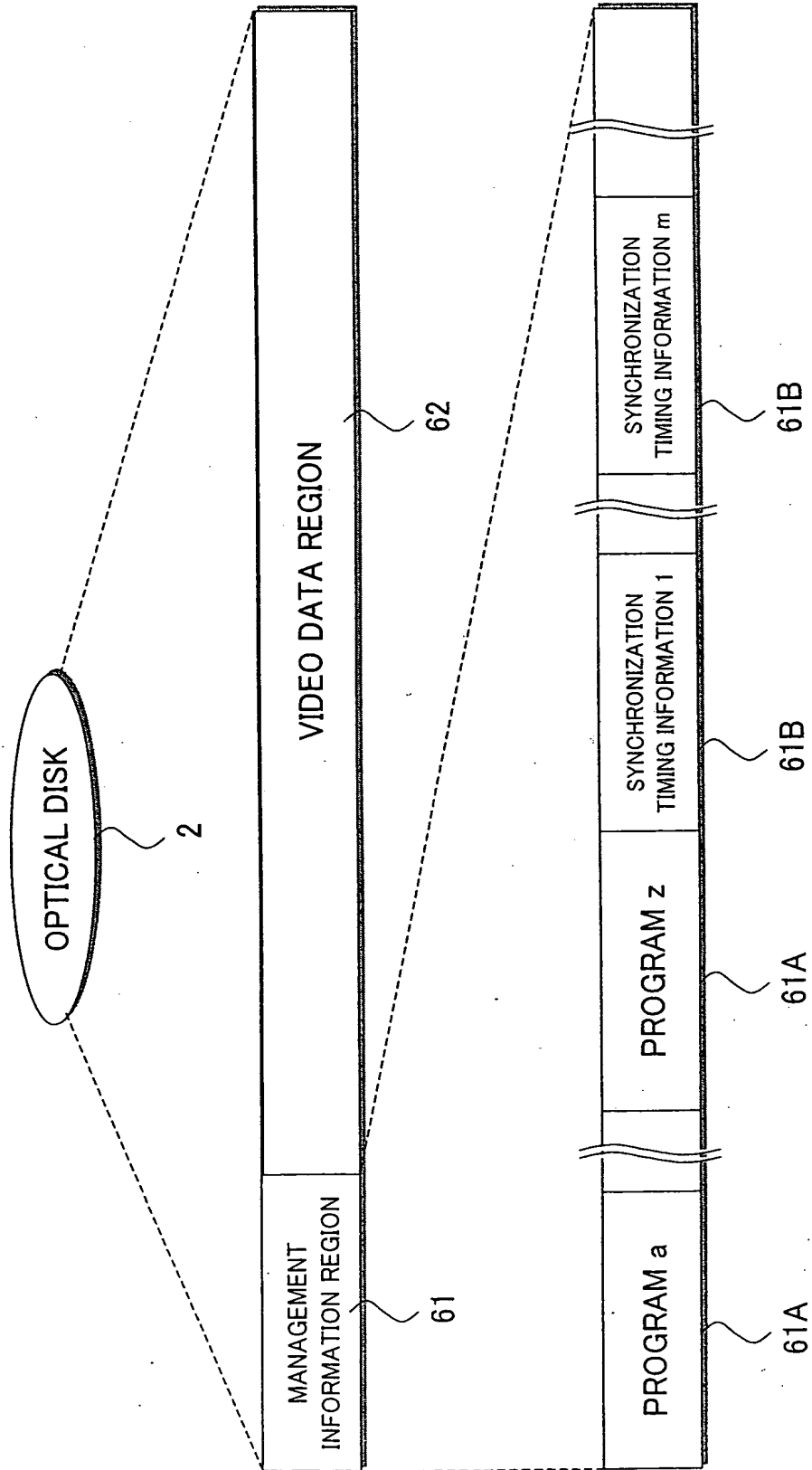


FIG. 7

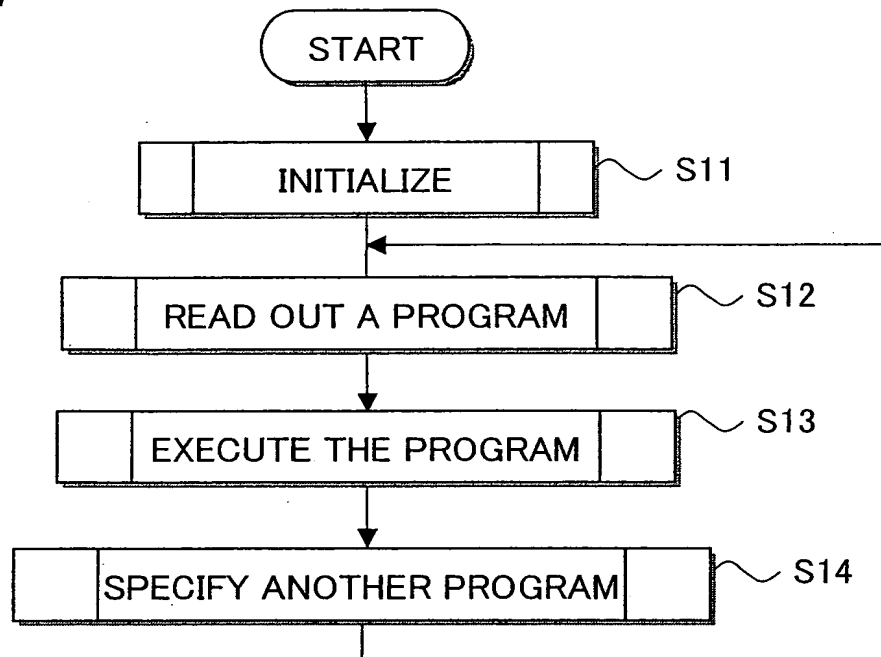


FIG. 8

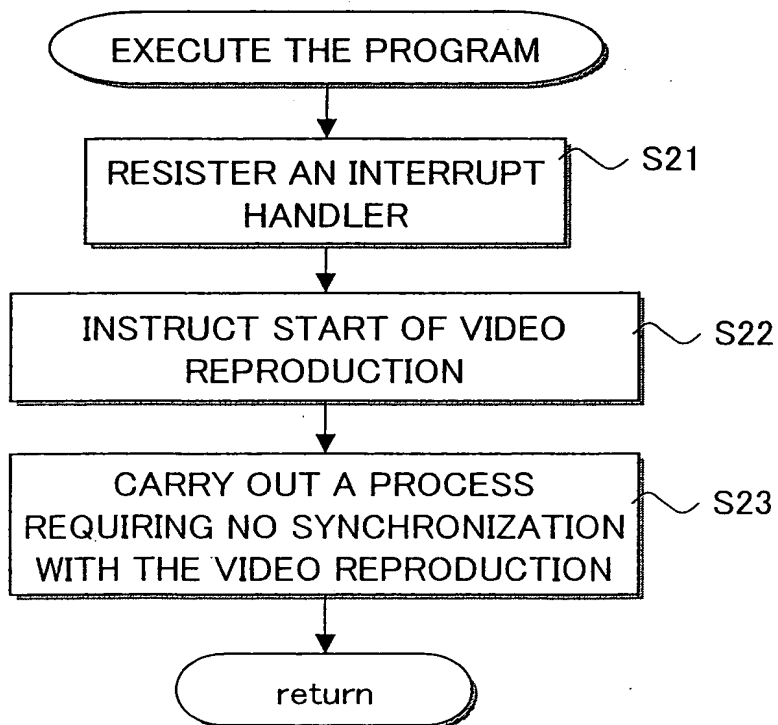


FIG. 9

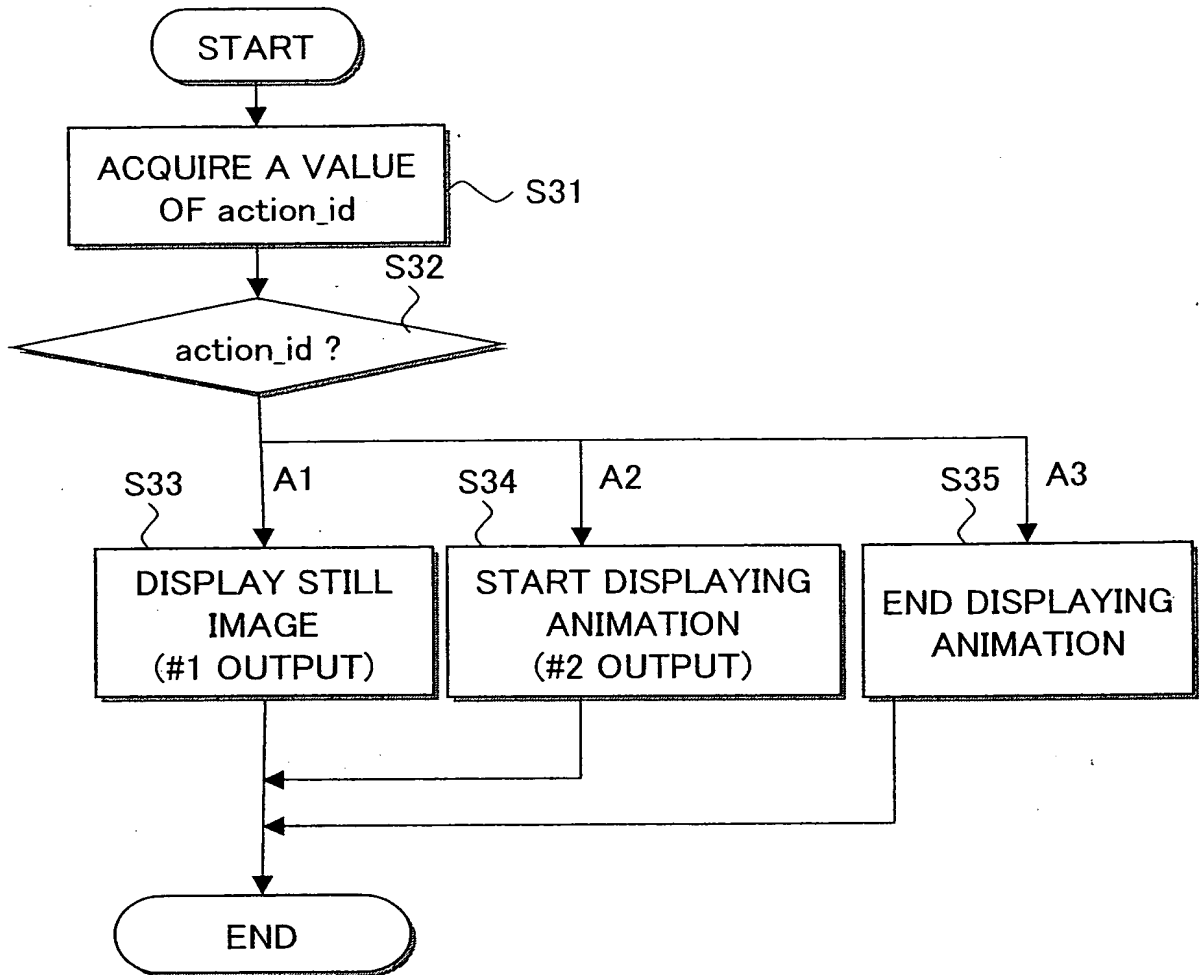
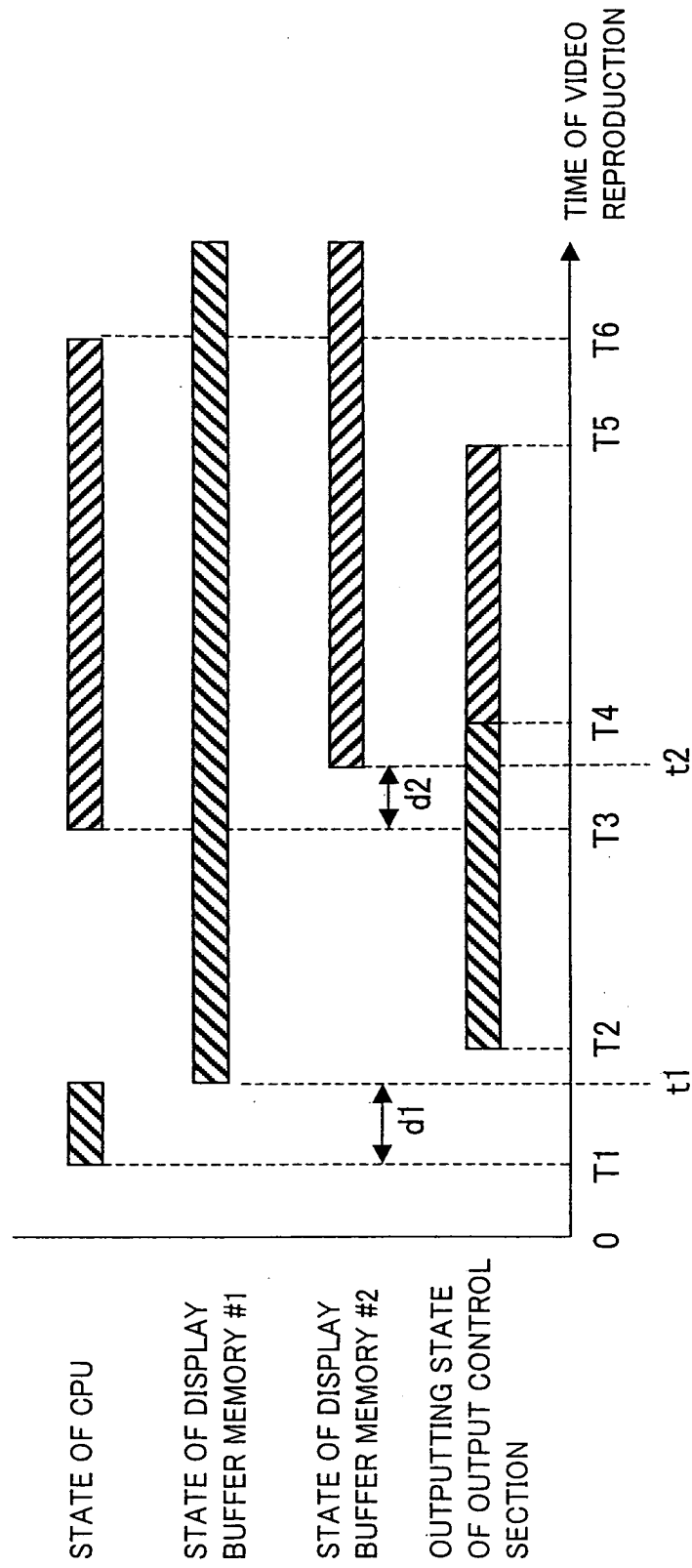


FIG. 10

entry no	timing	target	action_id
1	T1	PROGRAM EXECUTING SECTION	A1
2	T2	OUTPUT CONTROL SECTION	SWITCH TO DISPLAY BUFFER MEMORY #1
3	T3	PROGRAM EXECUTING SECTION	A2
4	T4	OUTPUT CONTROL SECTION	SWITCH TO DISPLAY BUFFER MEMORY #2
5	T5	OUTPUT CONTROL SECTION	END OUTPUTTING
5	T6	PROGRAM EXECUTING SECTION	A3

FIG. 11



```

    SYNCHRONIZATION TIMING INFORMATION {
        number_of_sync_info;
        for (i=0; i < number_of_sync_info; i++){
            sync_info();
        }
    }

```

FIG. 12(a)

```

sync_info() {
    timing;
    target;
    action_id;
    independent_flag;
    merged_flag;
}

```

FIG. 12(b)

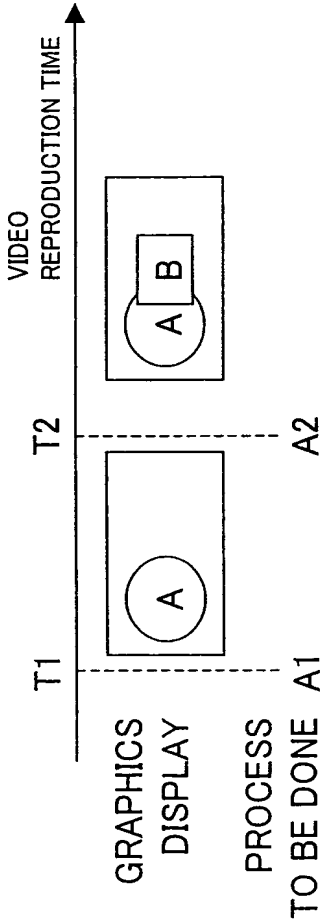


FIG. 13(a)

entry no	timing	action_id	independent_flag
1	T1	A1 (DRAW GRAPHICS A)	1
2	T2	A2 (DRAW GRAPHICS B)	0

FIG. 13(b)

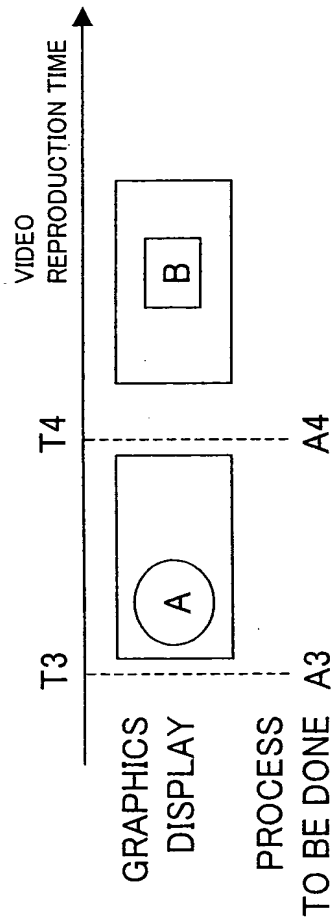


FIG. 13(c)

entry no	timing	action_id	independent_flag
1	T3	A3 (DRAW GRAPHICS A)	1
2	T4	A4 (DRAW GRAPHICS B AFTER CANCELING THE DISPLAY)	1

FIG. 13(d)

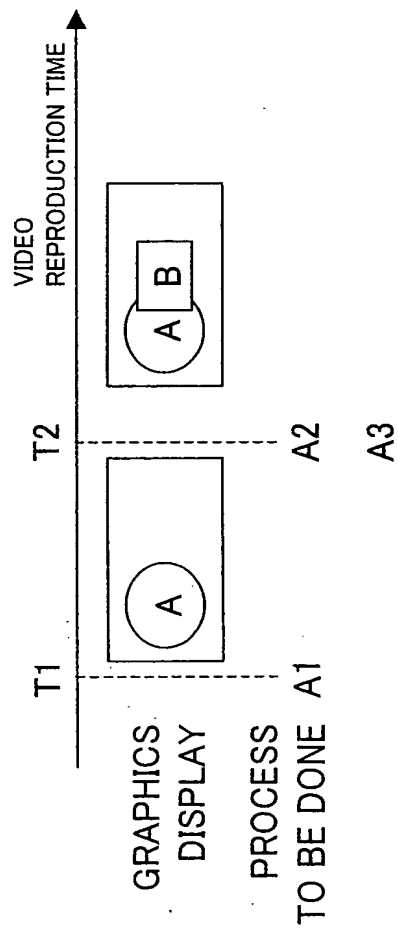


FIG. 14 (a)

entry no	timing	action_id	merged_flag
1	T1	A1 ((DRAW GRAPHICS A)	0
2	T2	A2 (DRAW GRAPHICS B)	0
3	T2	A3 (DRAW GRAPHICS A AND GRAPHICS B)	1

FIG. 14 (b)

FIG. 15

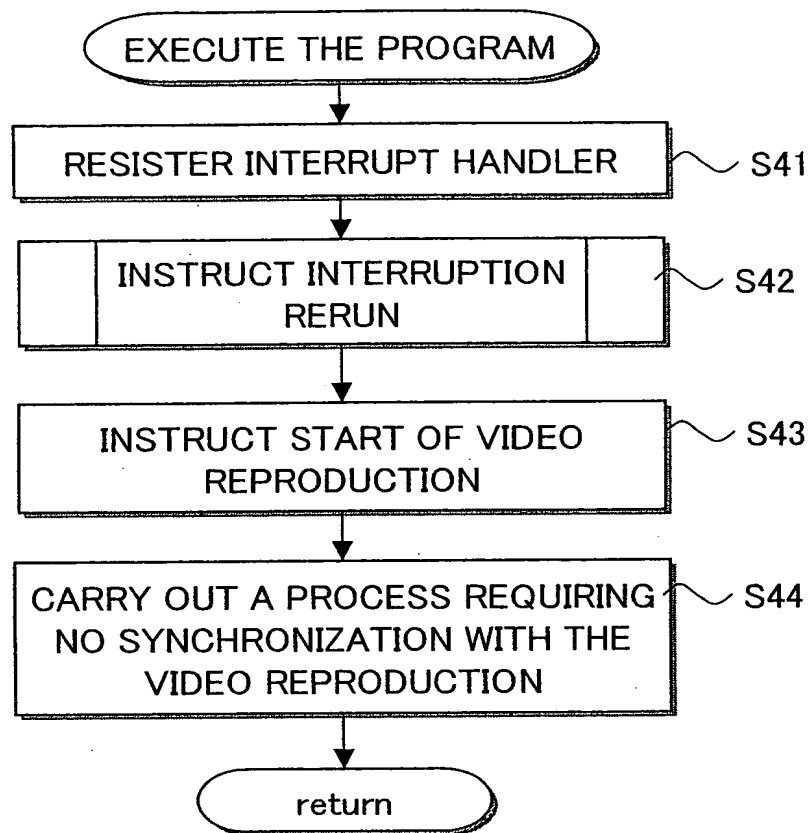


FIG. 16

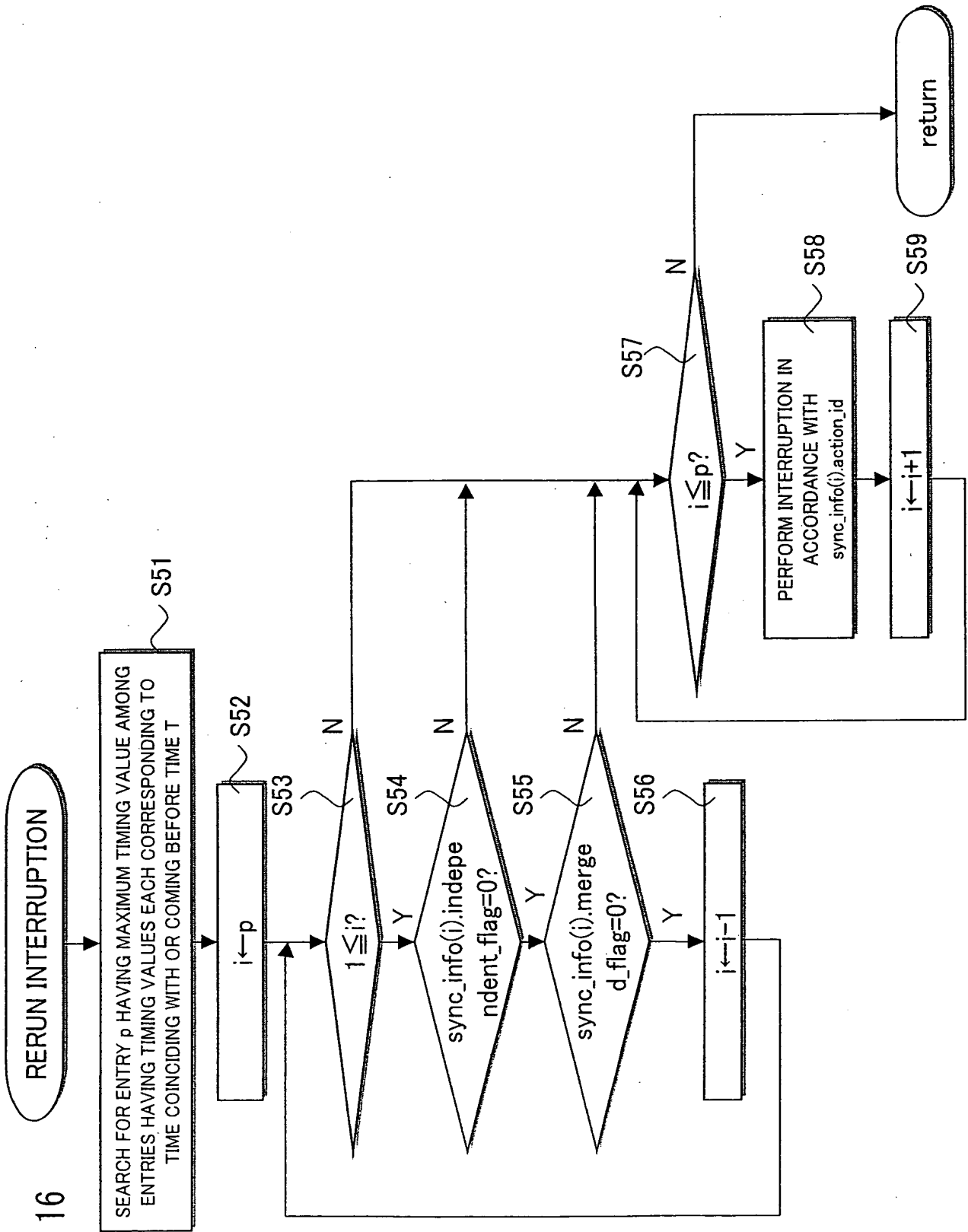


FIG. 17

entry no	timing	action_id	independent_ flag	merged_ flag
1	T1	A1 (DRAW GRAPHICS A AT COORDINATE x)	1	0
2	T2	A2 (RELOCATE GRAPHICS A TO COORDINATE y)	0	0
3	T2	A3 (DRAW GRAPHICS A TO COORDINATE y)	0	1
4	T3	A4 (CANCEL DISPLAY AND DRAW GRAPHICS C AT COORDINATE z)	1	0
5	T4	A5 (DRAW GRAPHICS D AT COORDINATE w)	0	0

FIG. 18(a)

```
sync_info() {  
    timing;  
    target;  
    action_id;  
    condition();  
}
```

FIG. 18(b)

```
condition() {  
    normal;  
    FF;  
    FR;  
    SF;  
    SR;  
}
```

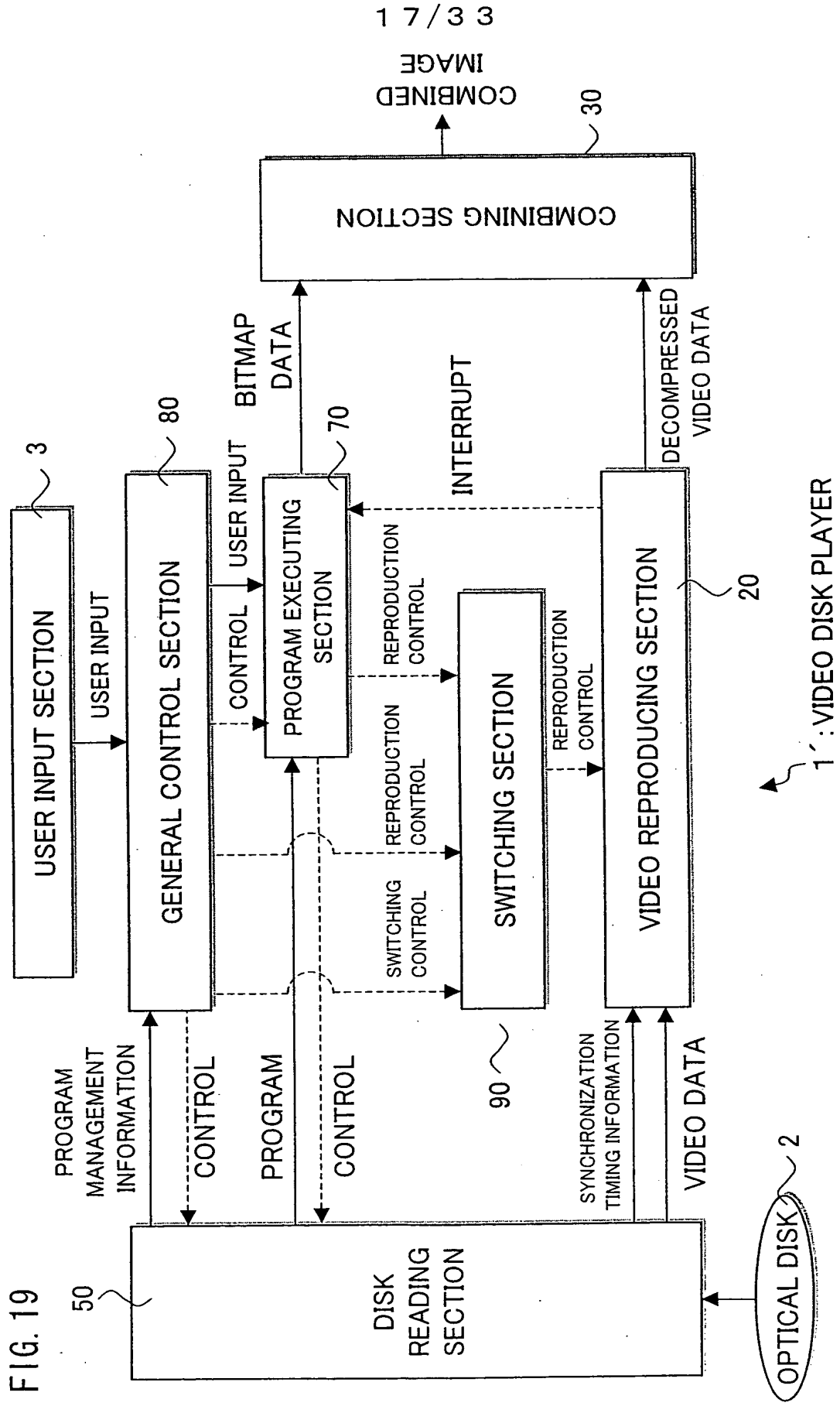
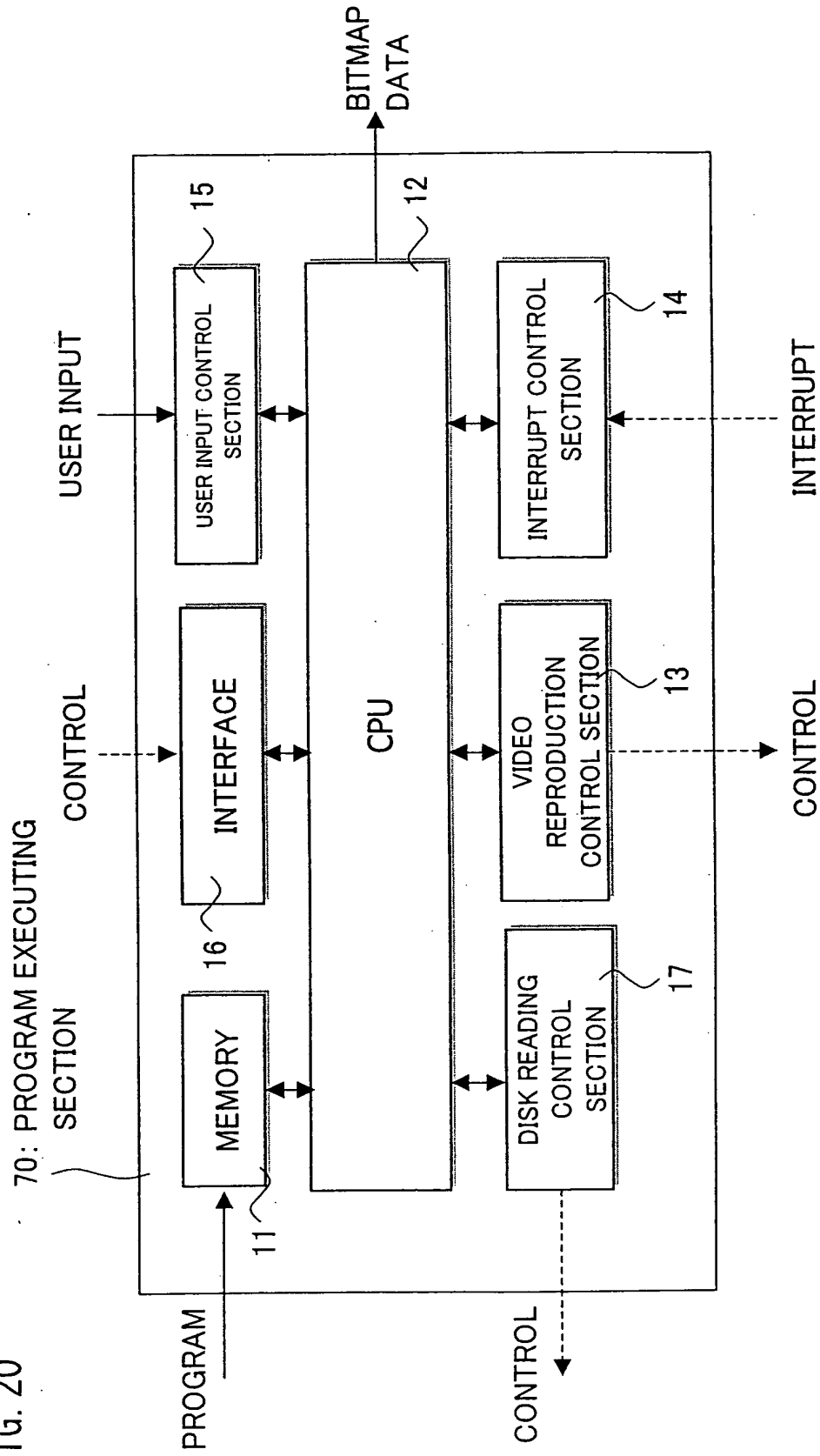


FIG. 20



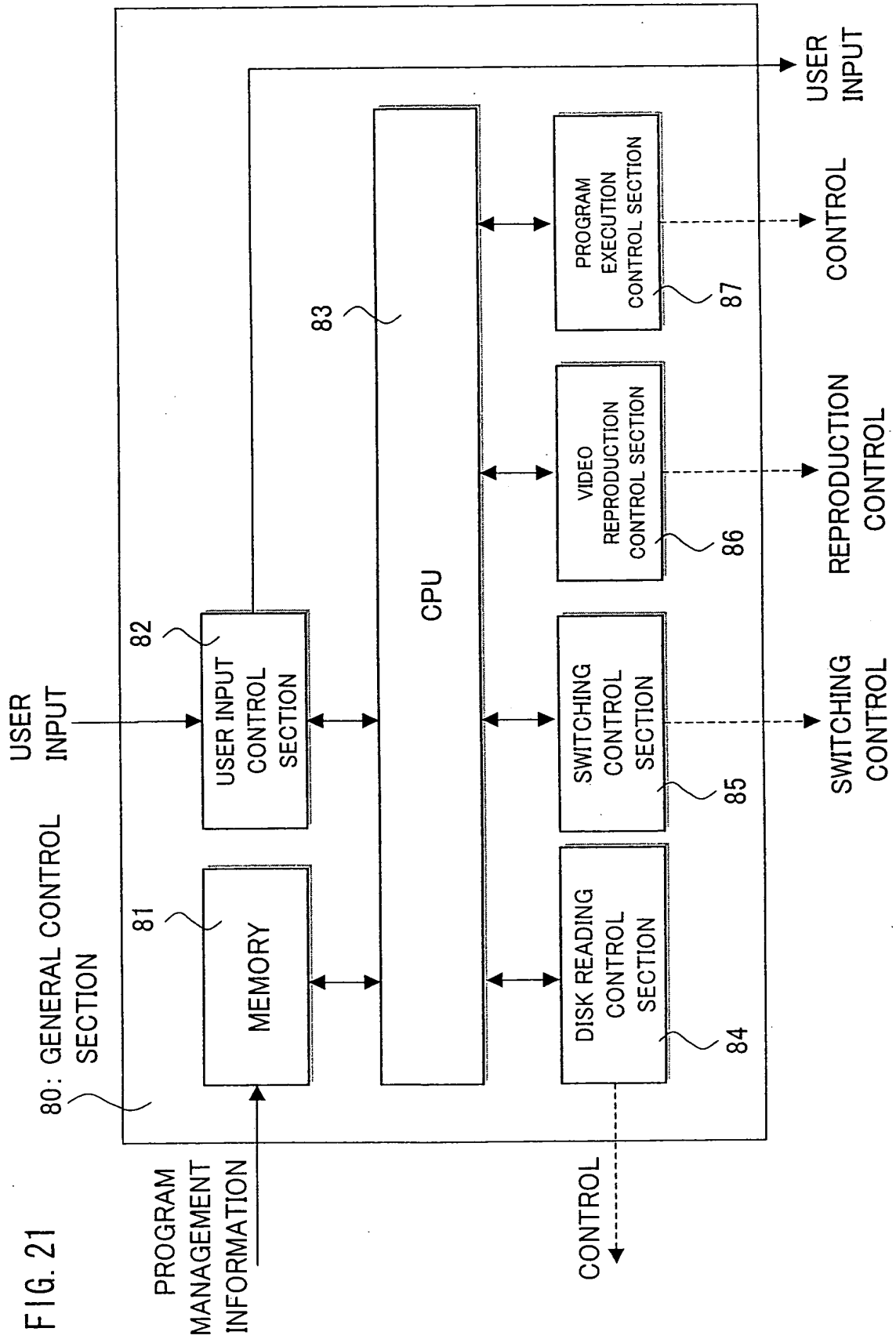


FIG. 22 (a)

```
PROGRAM MANAGEMENT TABLE {  
    number_of_pmi;  
    for (i=0; i < number_of_pmi){  
        PROGRAM MANAGEMENT INFORMATION ()  
    }  
}
```

FIG. 22 (b)

```
PROGRAM MANAGEMENT INFORMATION().{  
    program_file_name;  
    playback_control_mode;  
    is_video_specified;  
    if( is_video_specified == 1 ){  
        video_file_name;  
        start_mode;  
    }  
    menu_flag;  
    resume_flag;  
}
```

FIG. 23

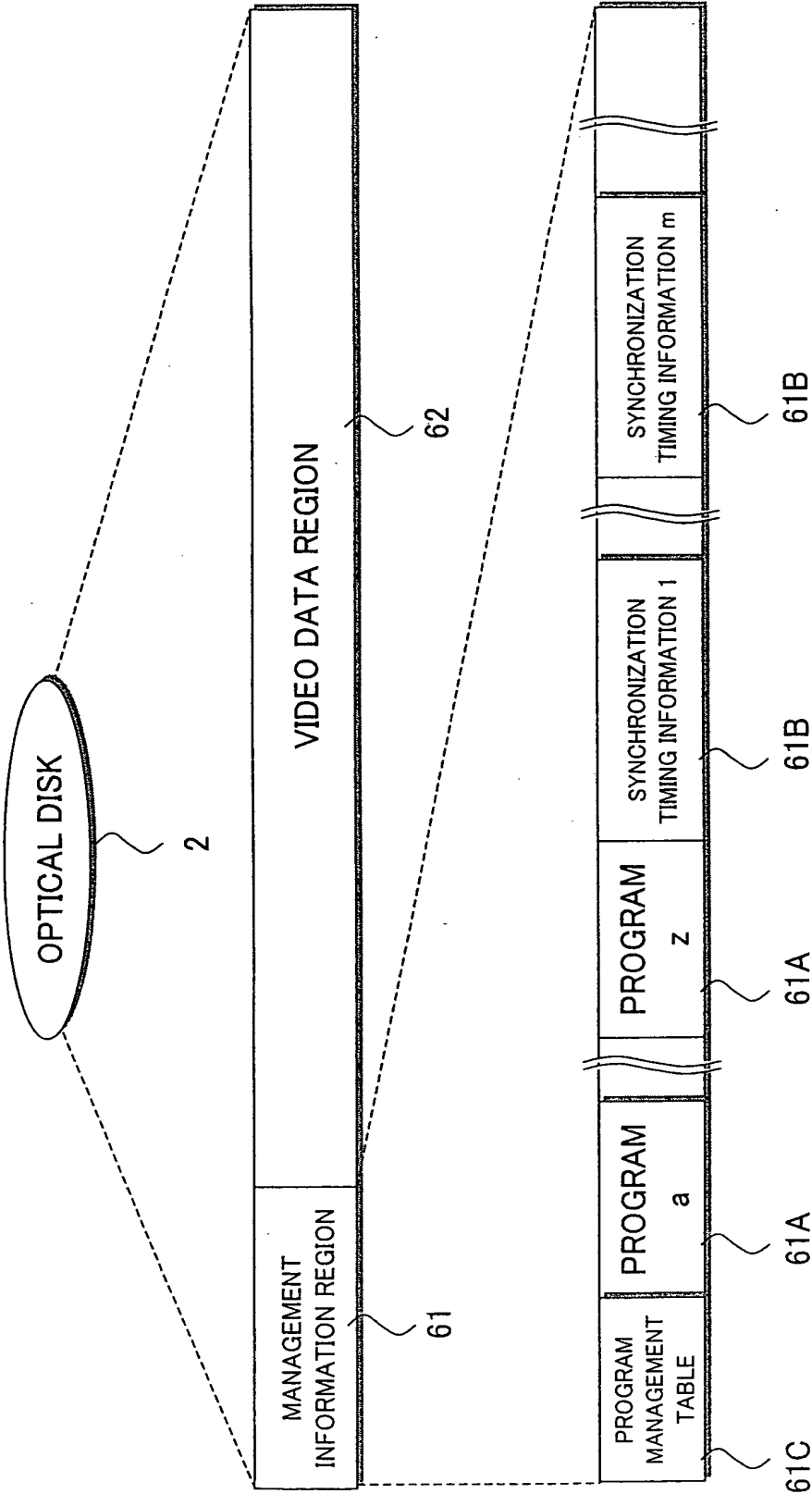


FIG. 24

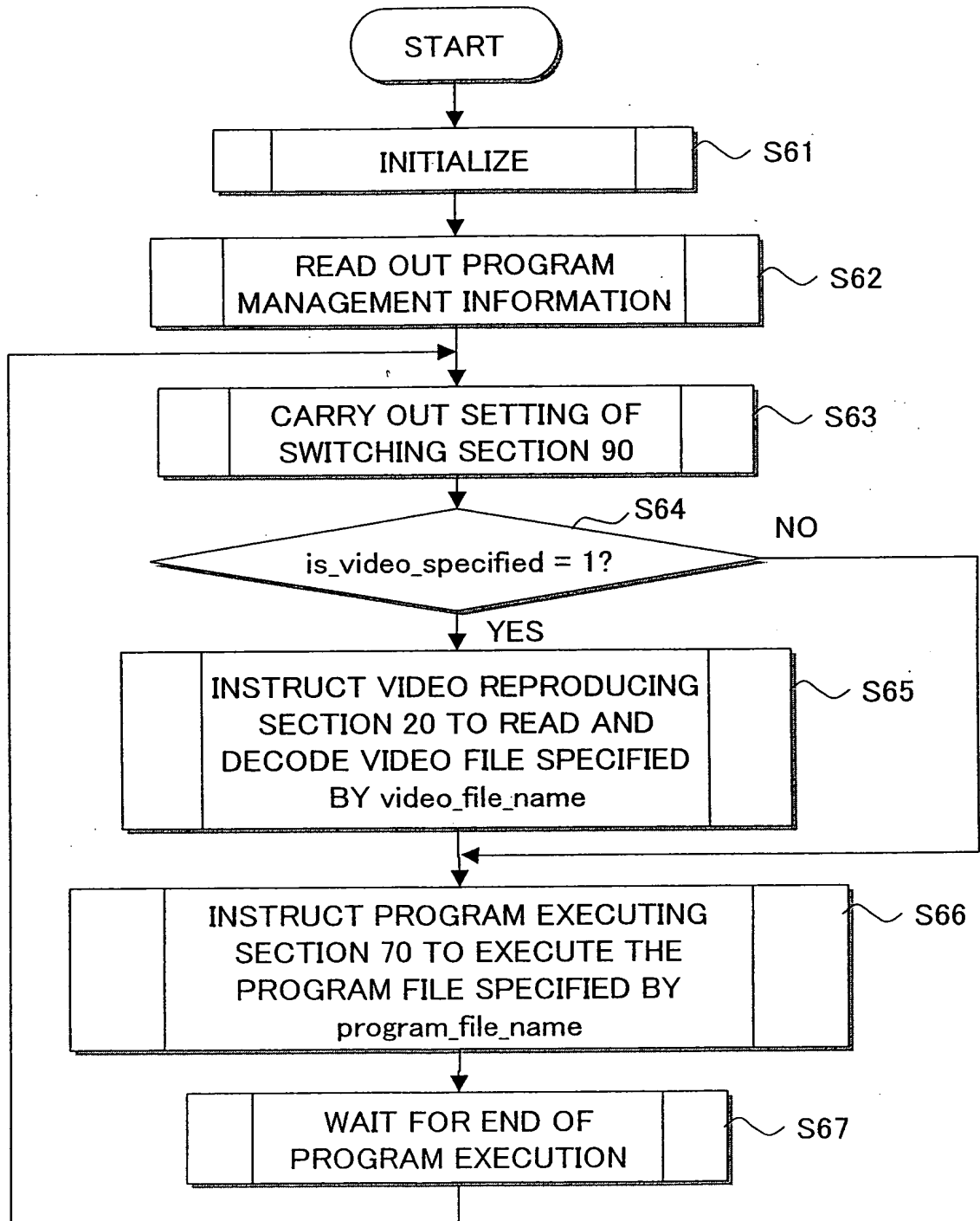


FIG. 25

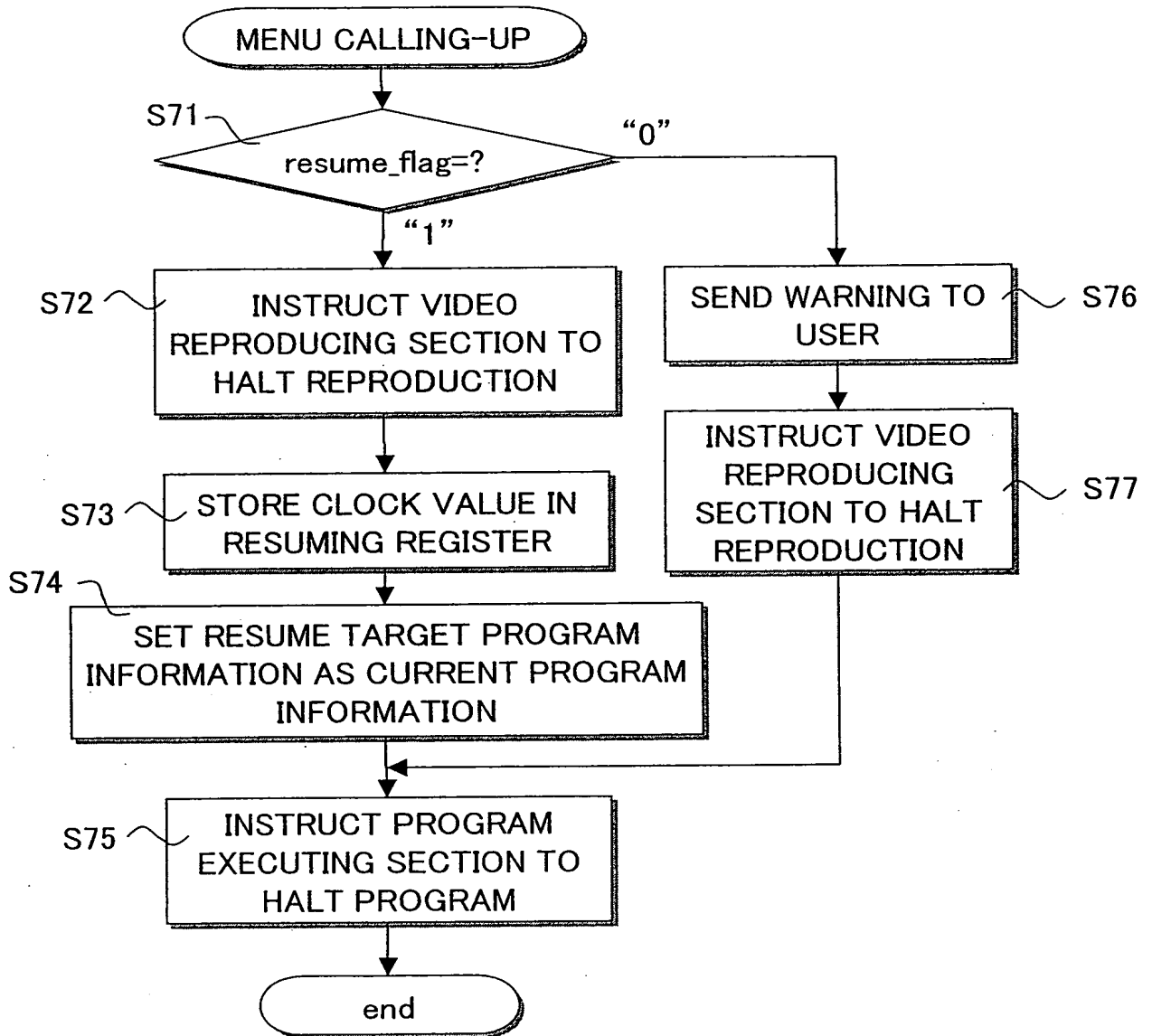


FIG. 26

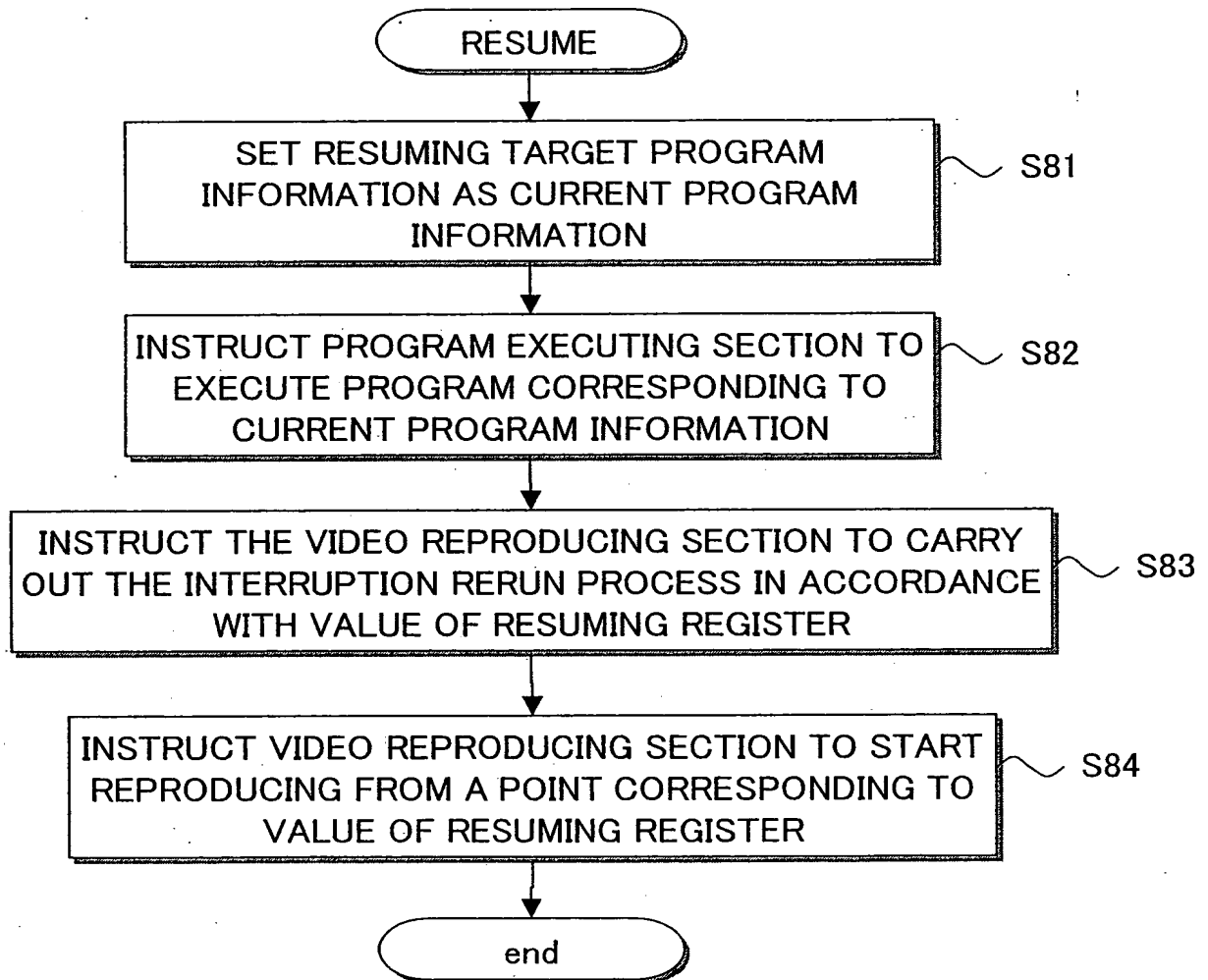


FIG. 27

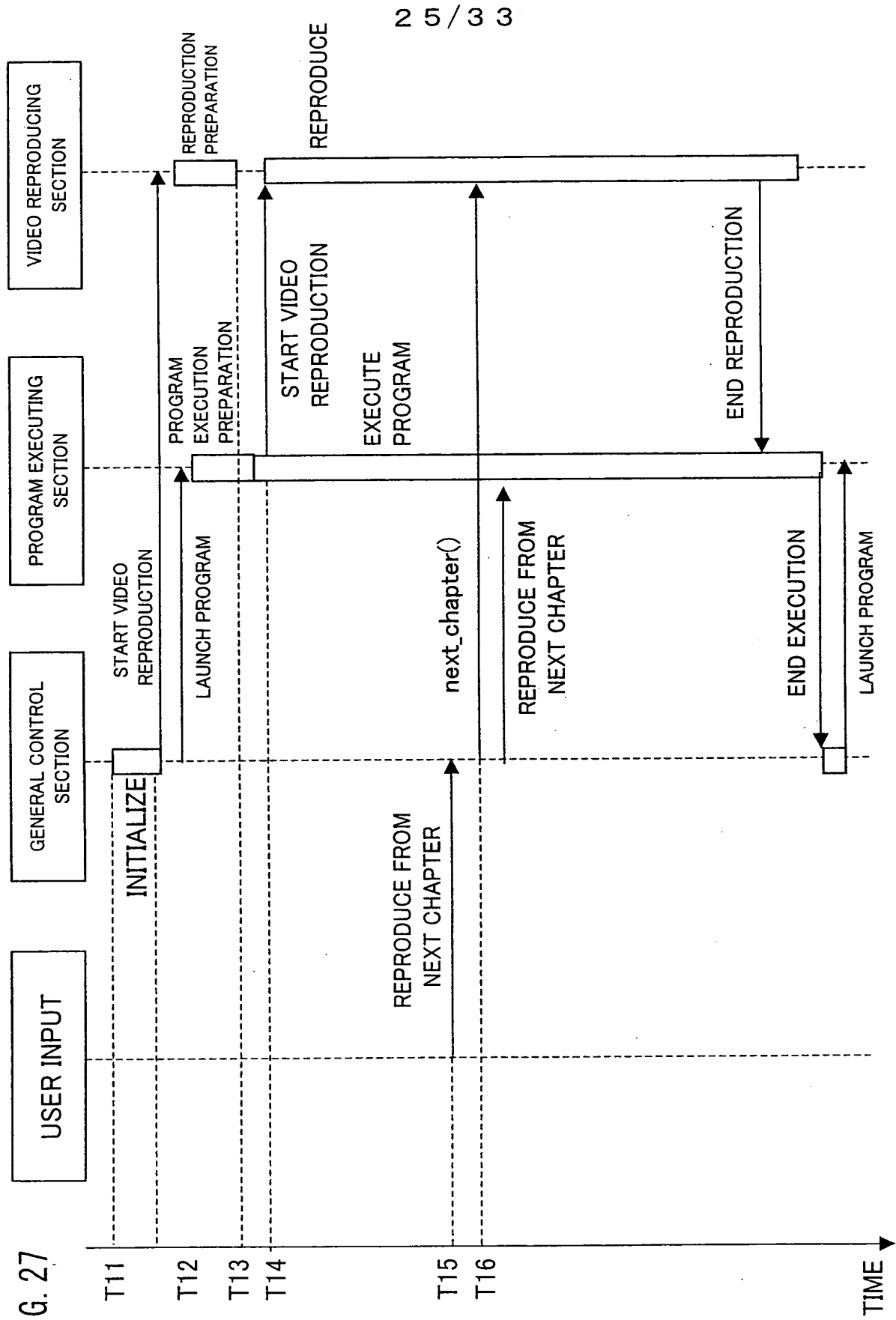
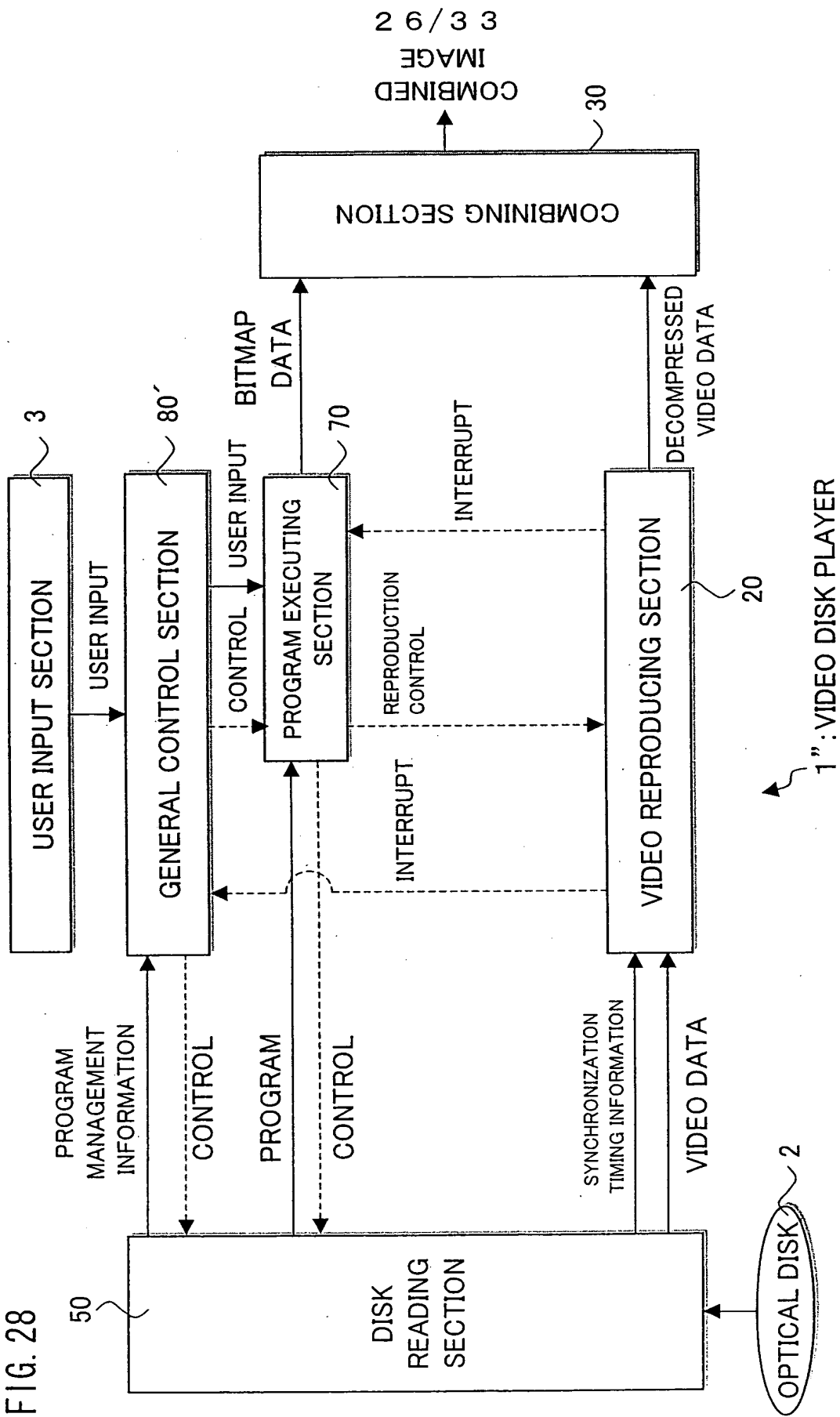


FIG. 28



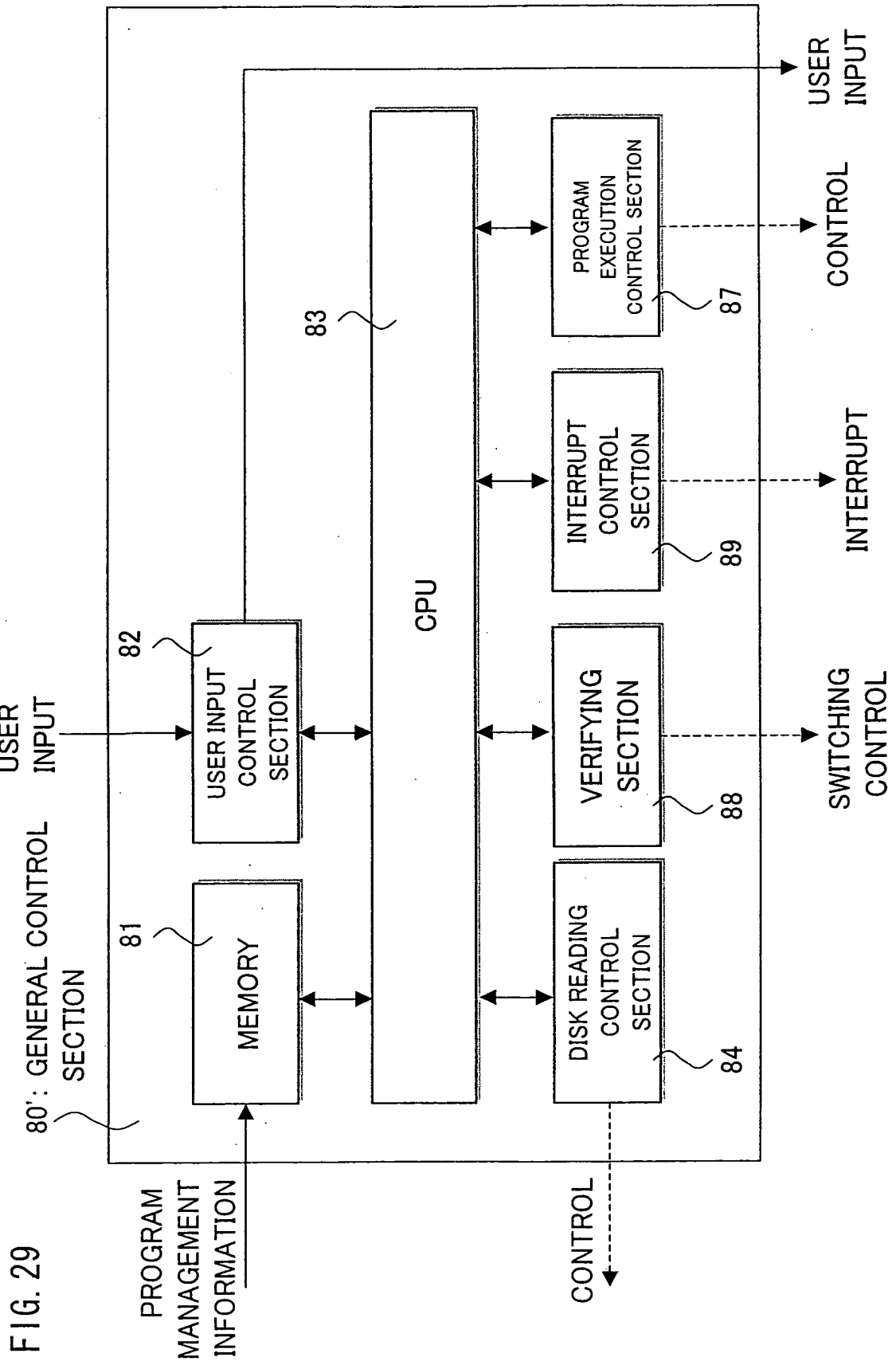


FIG. 30 (a)

```
PROGRAM MANAGEMENT INFORMATION () {  
    program_file_name;  
    number_of_video_info;  
    for (i=0; i < number_of_video_info; i++){  
        video_info();  
    }  
}
```

FIG. 30 (b)

```
video_info() {  
    video_file_name;  
    certificate;  
}
```

FIG. 31 (a)

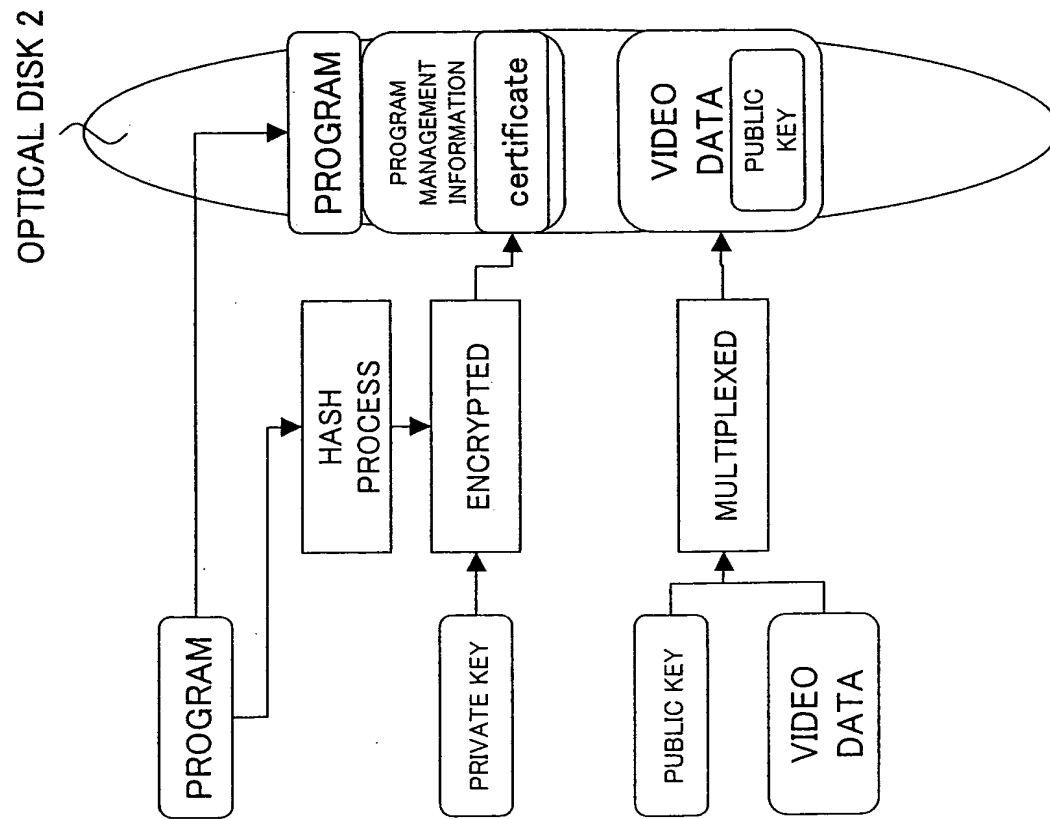


FIG. 31 (b)

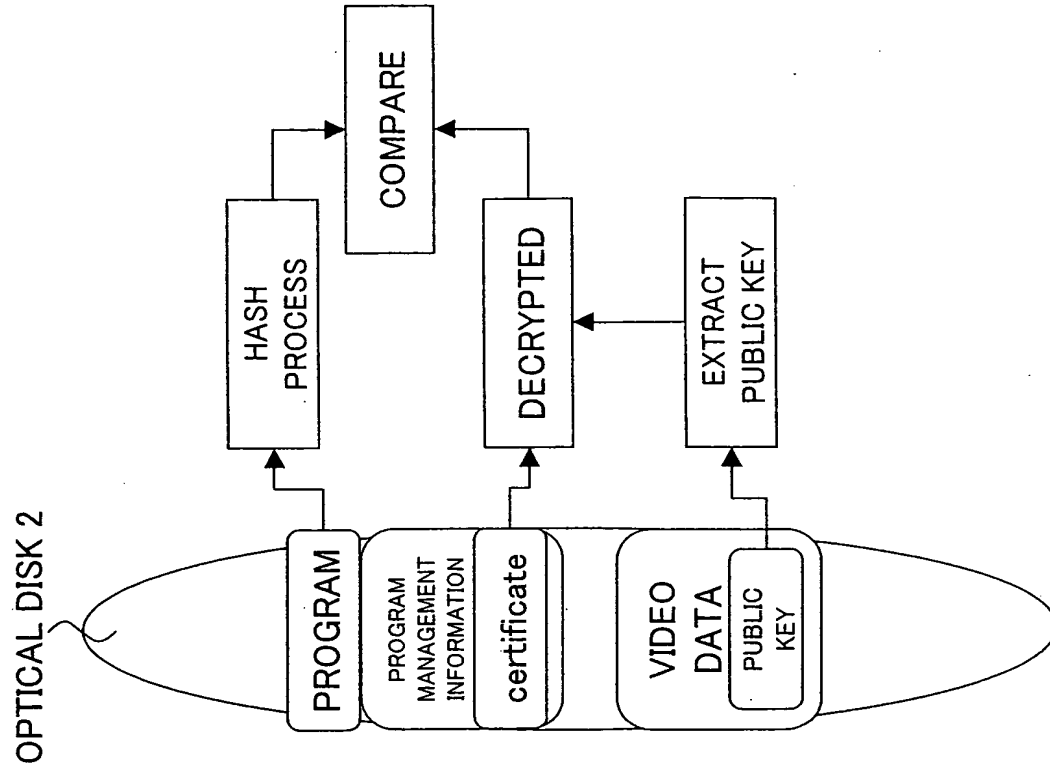


FIG. 32

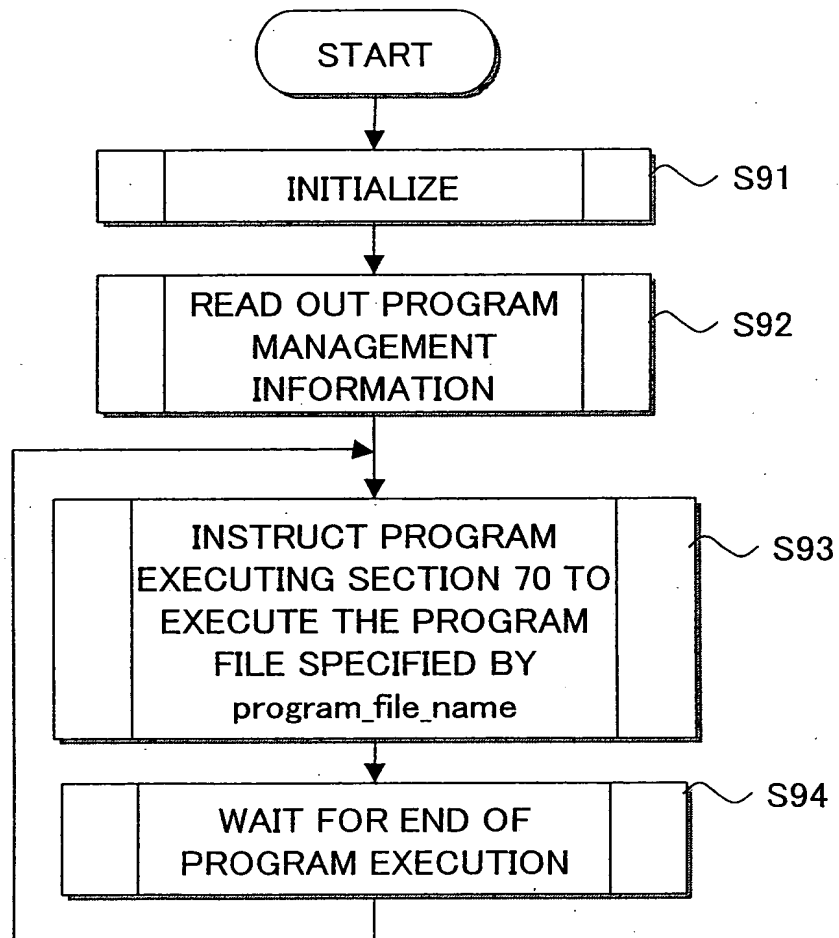


FIG. 33

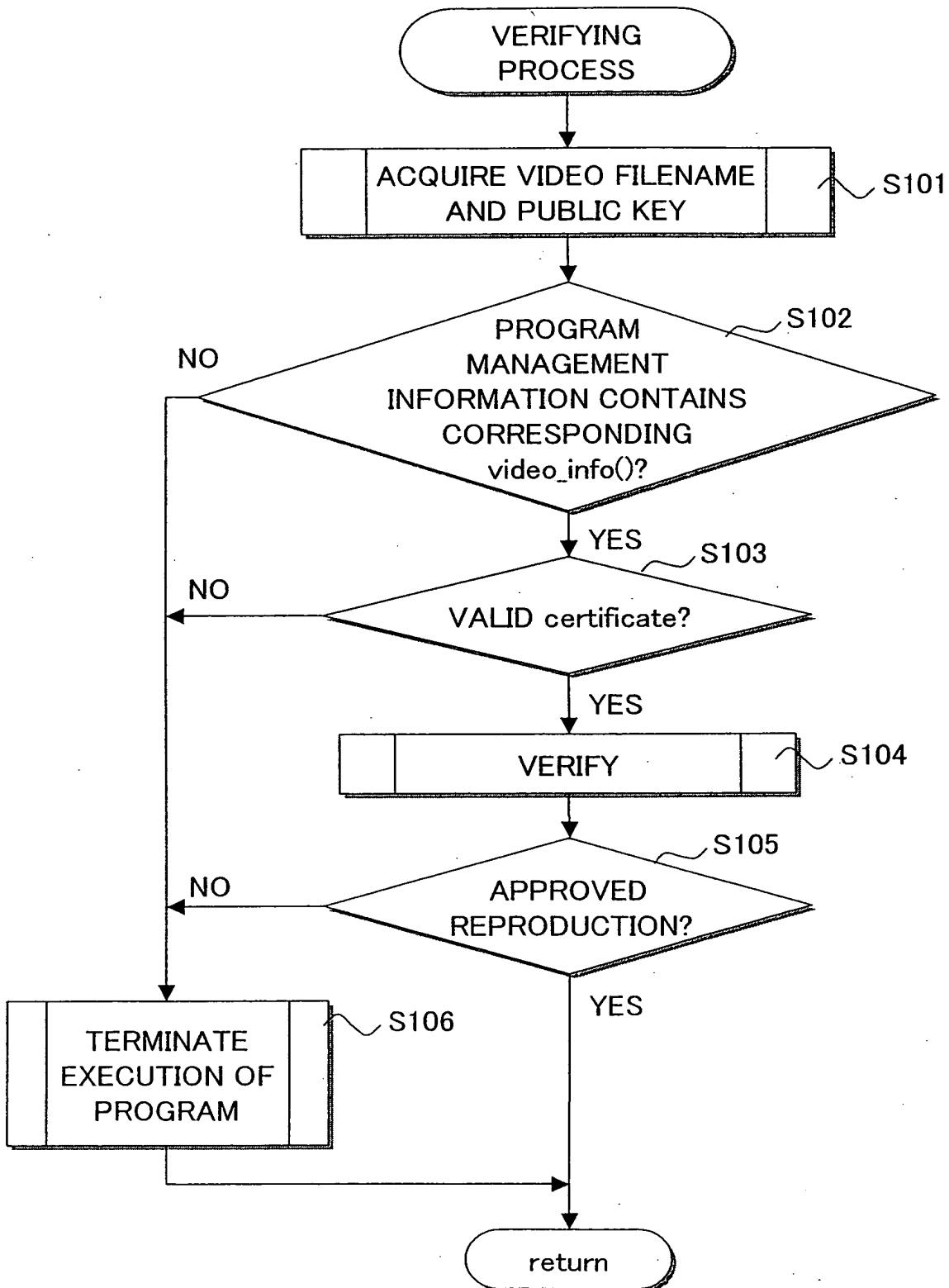


FIG. 34

60: SYNCHRONIZATION PROCESSING SECTION

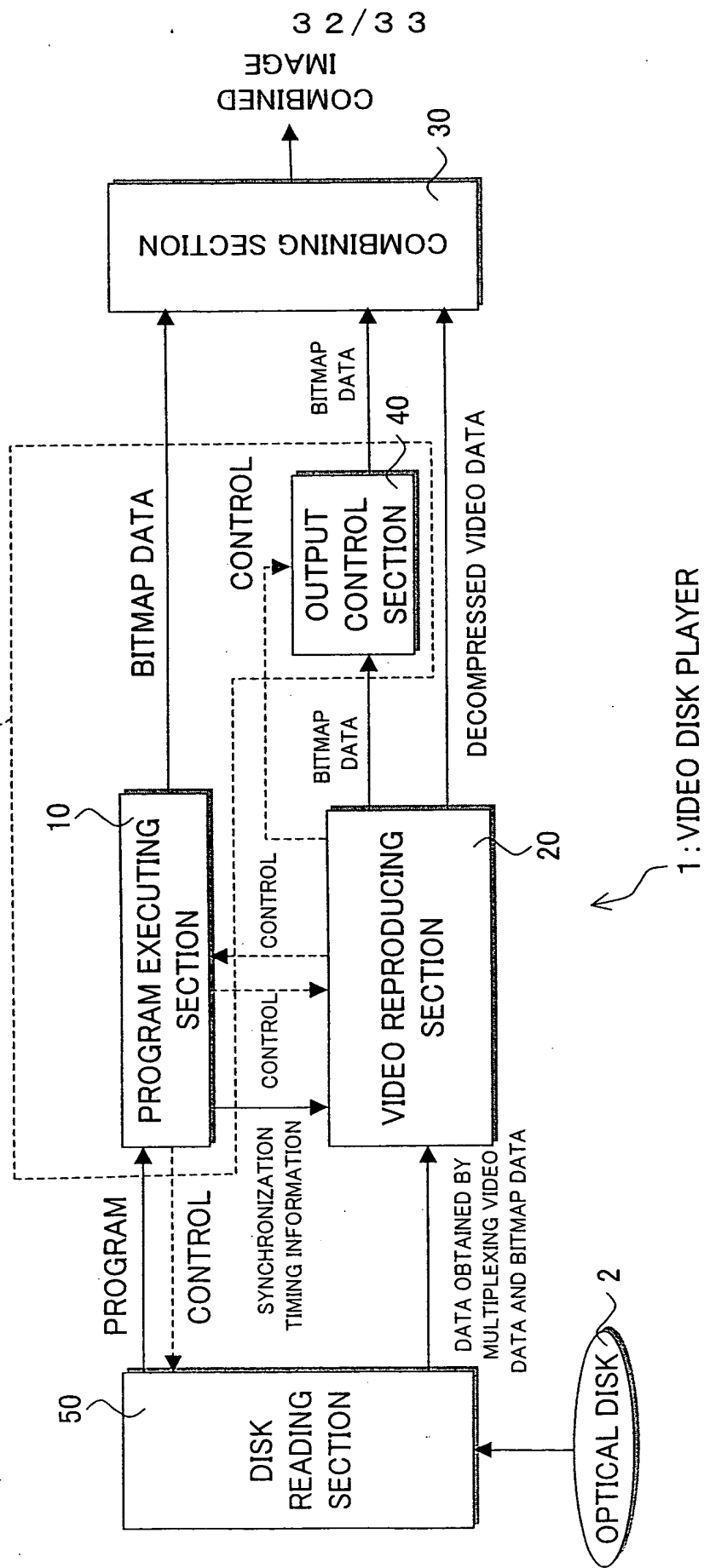


FIG. 35

